

**ABSTRACT OF THE DISCLOSURE**

A medical transfer or storage device for delivery or storage of a medicament, drug or vaccine, wherein a first component, preferably the major component, is formed of a cyclic olefin polymer, and a second component in contact with the first component is formed of a second polymer which does not chemically interact with the cyclic olefin polymeric component at elevated temperatures, including sterilization. More specifically, the relative energy distance  $R_a/R_o$  of the polymer selected for the second component relative to the cyclic olefin polymer is greater than 0.75 and the molecular weight of the second polymer is at least 5,000 to prevent adhesion of the second component to the cyclic olefin component and stress cracking at elevated temperatures. The most preferred embodiment is a syringe assembly having a cyclic olefin polymeric barrel and a resilient stopper formed of the second polymer.

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